

Amendments to the Claims

Claim 1 (currently amended): A multi-function device scanner comprising:

a housing;

a printer supported in the housing;

a scanner supported in the housing, the scanner including:

a transparent scanning window;

a sub-housing ~~housing~~, the sub-housing ~~housing~~ including an inside, an outside, a first side supporting the scanning window, having an inside surface and having an outside surface, and a second side having an inside surface opposite the inside surface of the first side and having an outside surface;

a scanning array movable in the sub-housing ~~housing~~ relative to the scanning window along a scanning path, ~~the scanning array generally facing the inside surface of the first side;~~

a light source movable with the scanning array, the light source generally facing the first side; and

a plurality of calibration targets ~~target~~ supported inside ~~by~~ the sub-housing ~~housing~~ within the scanning path, on the inside surface of the first side and spaced apart from the scanning window, the calibration targets ~~target~~ generally facing the inside surface of the second side, in operation.

Claim 2 (cancelled).

Claim 3 (currently amended): A device scanner in accordance with claim 1 wherein the scanning array is a color capable scanning array.

Claim 4 (currently amended): A device scanner in accordance with claim 3 wherein the printer is ~~and further comprising~~ a monochrome printer ~~commonly housed with the scanner in the housing.~~

1 Claim 5 (currently amended): A device scanner in accordance with
2 claim 1 wherein the targets include target is a color target.

1 Claim 6 (currently amended): A device scanner in accordance with
2 claim 1 wherein the targets include target is a black target.

1 Claim 7 (currently amended): A device scanner in accordance with
2 claim 1 wherein the targets are target is a color calibration targets target,
3 ~~wherein the scanner further includes second and third color calibration targets~~
4 ~~supported inside the housing from the first side, proximate the scanning window~~
5 ~~and within the scanning path, the second and third calibration targets facing the~~
6 ~~second side, and wherein the scanner is configured to use the first mentioned~~
7 ~~and second and third color calibration targets for color registration.~~

1 Claim 8 (currently amended): A device scanner in accordance with
2 claim 1 and further including a motor configured to move the scanning array
3 along the scanning path, a power switch, coupled to the scanning array and the
4 motor, for turning the scanner on and off, and logic circuitry coupled to the
5 power switch, the scanning array, and the motor, and configured to effect
6 movement of the scanning array to scan the calibration target in response to the
7 scanner being turned on.

1 Claim 9 (currently amended): A device scanner in accordance with
2 claim 8 wherein the targets are target is a color calibration targets target,
3 ~~wherein the scanner further includes second and third color calibration targets~~
4 ~~inside the housing, on the inside surface of the first side and spaced apart from~~
5 ~~the scanning window, wherein the logic circuitry is further configured to perform~~
6 ~~a calibration in response to scanning the first mentioned, second, and third color~~
7 ~~calibration targets.~~

Claim 10 (currently amended): A method of manufacturing a
multifunction device scanner, the method comprising:

providing a housing;

supporting a printer in the housing;

supporting ~~providing~~ a scanner in the housing, the scanner
including a transparent scanning window; a sub-housing ~~housing~~, the sub-
housing ~~housing~~ including an inside, an outside, a first side supporting the
scanning window, having an inside surface and having an outside surface, and a
second side having an inside surface opposite the first side and having an
outside surface; a scanning array movable in the sub-housing ~~housing~~ relative to
the scanning window along a path, the scanning array being configured to scan
~~facing~~ the inside surface of the first side; and a light source movable with the
scanning array and facing the first side in operation; and

permanently ~~providing~~ attaching a plurality of calibration
targets ~~target~~ inside the sub-housing ~~housing~~, on the inside surface of the first
side, within the scanning path, the calibration targets ~~target~~ facing the second
side, prior to delivery to an end user.

Claim 11 (cancelled).

Claim 12 (original): A method in accordance with claim 10
wherein the scanning array is color capable.

Claim 13 (currently amended): A method in accordance with claim
12 wherein the printer is a ~~and further comprising commonly housing a~~
monochrome printer ~~with the scanner in the housing.~~

Claim 14 (currently amended): A method in accordance with claim
10 wherein the ~~supporting a~~ calibration target is ~~comprises supporting a~~ color
target.

1 Claim 15 (currently amended): A method in accordance with claim
 2 10 wherein ~~the supporting~~ a calibration targets include ~~target comprises~~
 3 ~~supporting~~ a black target.

1 Claim 16 (currently amended): A method in accordance with claim
 2 10 wherein the targets include ~~supporting a target comprises supporting at least~~
 3 ~~three different~~ color calibration targets ~~inside the housing from the first side,~~
 4 ~~proximate the scanning window and within the scanning path, facing the second~~
 5 ~~side,~~ the method further comprising using the color calibration targets for color
 6 registration.

1 Claim 17 (currently amended): A method in accordance with claim
 2 10 and further comprising effecting scanning of the calibration targets ~~target~~ by
 3 the scanning array in response to the scanner being powered-up.

1 Claim 18 (currently amended): A method in accordance with claim
 2 17 and further comprising calibrating the scanner in response to scanning of the
 3 ~~color~~ calibration targets.

1 Claim 19 (currently amended): A multifunction device comprising:
 2 a housing having a first side and a second side opposite the first
 3 side;
 4 a monochrome printer supported in the housing; and
 5 a color flatbed scanner supported in the housing, the scanner
 6 including a sub-housing having an inside, an outside, a top side having an inside
 7 surface and an outside surface, and a bottom side opposite the top side and
 8 having an inside surface and an outside surface, the scanner including a
 9 transparent window, supported by the top side of the sub-housing, a scanning
 10 array movable in the sub-housing relative to the window along a scanning path,
 11 the scanning array generally facing the inside surface of the top side so as to be
 12 able to scan the window, first, second, and third color calibration targets
 13 supported inside the housing, attached to the inside surface of the top side,

14 spaced apart from the window, [[,]] within the scanning path, the calibration
15 targets facing the inside surface of the bottom side, a motor configured to move
16 the scanning array along the scanning path, a power switch, coupled to the
17 scanning array and the motor, for turning the scanner on and off, and logic
18 circuitry coupled to the power switch, the scanning array, and the motor, and
19 configured to effect movement of the scanning array to scan the calibration
20 targets in response to the scanner being turned on.

1 Claim 20 (previously presented): A multifunction device in
2 accordance with claim 19 wherein the logic circuitry is further configured to
3 perform a calibration in response to scanning the first, second, and third color
4 calibration targets.

1 Claim 21 (new): A scanner comprising:
2 a transparent scanning window;
3 a housing, the housing including an inside, an outside, a first side
4 supporting the scanning window, having an inside surface and having an outside
5 surface, and a second side having an inside surface opposite the inside surface
6 of the first side and having an outside surface;
7 a color capable scanning array movable in the housing relative to
8 the scanning window along a scanning path, and arranged to scan the window
9 and at least a portion of the inside surface of the first side;
10 a light source movable with the scanning array, the light source
11 generally facing the first side;
12 a plurality of color calibration targets supported inside the housing
13 within the scanning path, on the inside surface of the first side and spaced apart
14 from the scanning window, the calibration targets generally facing the inside
15 surface of the second side, in operation; and

16 a motor configured to move the scanning array along the scanning
17 path, a power switch, coupled to the scanning array and the motor, for turning
18 the scanner on and off, and logic circuitry coupled to the power switch, the
19 scanning array, and the motor, and configured to effect movement of the
20 scanning array to scan the calibration target in response to the scanner being
21 turned on.